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Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database Site Summary Report - Details for Site ID 134

This report shows data entered as of July 26, 2006 at 11:00:47 AM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Go to DEQ's Facility Profiler to see a site map as well is information on what other DEQ programs may be active at this site.

General Site Information

Site ID: 134	Site Name: McCall Oil	CERCLIS No:
Address:	5550 NW Front Ave. Portland 97210	
	County: Multnomah	Region: Northwest
Other location information:		
Investigation Status:	Listed on CRL or Inventory	
	Brownfield Site: No NPL Site: No	Orphan Site: No Study Area: No
Property:	Twnshp/Range/Sect: 1N , 1E , 18	Tax Lots: 17
	Latitude: 45.5624 deg. Longitude: -122.736 deg.	Site Size: 7.5 acres
Other Site Names:	Great Western Chemical Portland Harbor Sediment Study	

Site Characteristics

General Site Description:	
Site History:	
Contamination Information:	An oil spill occurred on 11/4/88 at the McCall facility. 8,400 gallons of bunker 'C' oil (asphalt, tar). Cleanup was initiated by McCall Oil. Copper and arsenic contamination was discovered near the chemical plant in 1991 and a soil removal was done. Due to contamination seen on adjoining properties, a state PA was requested in 1993. Three wells were installed in 1994 and a round of groundwater samples taken. These samples showed VOC contamination near the chemical plant. Two additional wells were installed in December 1994 to investigate the VOC material. (11/19/99 TBG/SAS) It appears site activities have resulted in sediment contamination adjacent to the site. Levels of dibenzofuran and PAHs near McCall's dock and cadmium, lead and zinc near Great Western Chemical Company's storm water outfall exceeded Portland Harbor baseline values. Although phthalates were also detected above baseline, they do not appear to be used at this site. Groundwater monitoring data shows on-site diesel or lube oil contamination may be migrating to the river, although it is not clear if

	subsurface migration is contributing to sediment contamination documented in the river. Although elevated levels of metals and chlorinated solvents have been detected in on-site groundwater in the past, these contaminants do not appear to be migrating to the river at this time.
Manner and Time of Release:	Approximately 11 spills ranging up to 10,000 gallons have been documented on the site since it became an active petroleum-handling facility in 1946.
Hazardous Substances/Waste Types:	On-site: petroleum and VOCs. In adjacent river sediments: aluminum, barium, cadmium, cobalt, lead, mercury, zinc, 4-methylphenol, butylbenzylphthalate, di-n-octylphthalate, dibenzofuran, LPAHs and HPAHs.
Pathways:	
Environmental/Health Threats:	
Status of Investigative or Remedial Action:	(3/31/95 KAC/SRS) Numerous small oil spills have occurred during the life of the facility. All were cleaned up by facility employees. A removal action was performed in 1991 when copper and arsenic contamination was discovered in the chemical plant area. An expanded PA was begun in 1994 and included the drilling of 3 wells and soil and groundwater sampling. Two additional wells were drilled in December 1994, after VOC contamination was found near the center of the property. (11/19/99 TBG/SAP) Based on initial sampling results from a river sediment quality study, the McCall Oil site has been identified as a potential source of contamination to the Portland Harbor. A Strategy Recommendation was completed in November 1999. A Remedial Investigation (RI) is required to evaluate the potential ecological threat of the sediment contamination. (3/1/00 JMW/SAP) Voluntary Agreement for Remedial Investigation and Source Control Measures forwarded to McCall Oil and Chemical Corporation on February 29, 2000. Signed agreement due back March 31, 2000. (9/20/00 TBG/VCP) RI Agreement signed 8/16/00. RI workplan submitted on September 14, 2000. (3/25/01 TBG/VCP)First phase of RI field work conducted January - March 2001. (11/20/01 TBG/VCP) Additional phases of RI field work conducted throughout 2001, and completion is expected in January 2002. The RI to date has delineated a subsurface solvent plume and petroleum contamination on-site and a contaminated stormwater discharge. The ongoing RI activities will evaluate potential off-site migration and provide further contaminant delineation. (9/28/02 TBG/VCP) Several additional phases of RI field work continue through 2002.
Data Sources:	1) Portland Harbor Sediment Investigation Report, prepared by Roy F. Weston Inc. for USEPA, May 1998. 2) Preliminary Assessment, prepared by EMCON Northwest, Inc. for McCall Oil and Chemical Corporation and Great Western Chemical Company, April 5, 1994. 3) Evaluation of Metal Migration, prepared by EMCON Northwest, Inc. for Great Western Chemical Company, April 26, 1994. 4) Telephone Conversation Concerning McCall Marine Terminal Construction History with Tom Bernet, November 15, 1999. 5) DEQ LUST, HWIMSy (Hazardous Waste Generator) and SPINS (Spill) Databases. 6) MetroScan Property Records, Multnomah County, Oregon.

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded
ALUMINUM	Sediment	43700 - 43800 ppm	9/1/1997
BARIUM	Sediment	203 ppm	9/1/1997

BUNKER - FUEL OIL	Soil		
BUTYL BENZYL PHTHALATE	Sediment	120 ppb	9/1/1997
CADMIUM	Sediment	.07 ppm	9/1/1997
COBALT	Sediment	20 ppm	9/1/1997
CRESOL,4-	Sediment	880 ppb	9/1/1997
DIBENZOFURAN	Sediment	200 ppb	9/1/1997
DI-n-OCTYL PHTHALATE	Sediment	110 ppb	9/1/1997
LEAD	Sediment	47 ppm	9/1/1997
MERCURY	Sediment	0.11 - 0.17 ppm	9/1/1997
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	LPAHs - 2237 ppb	9/1/1997
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	HPAHs - 3038 ppb	9/1/1997
ZINC	Sediment	142 - 212 ppm	9/1/1997

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
Site added to database	08/04/1988		Michael Zollitsch	SAS
SITE EVALUATION	02/27/1994	02/27/1994	Kenneth Cameron	SRS
Listing Review completed	02/28/1994	02/28/1994	Kenneth Cameron	SRS
Insufficient information to list	02/28/1994		Kenneth Cameron	SRS
BASIC PRELIMINARY ASSESSEMENT	03/01/1994	06/01/1994	Kenneth Cameron	SRS
State Expanded Preliminary Assessment recommended (XPA)	06/01/1994	06/01/1994	Kenneth Cameron	SRS
EXPANDED PRELIMINARY ASSESSMENT	06/01/1994	03/24/1995	Kenneth Cameron	SRS
Remedial Investigation recommended (RI)	11/15/1999	11/15/1999	Tom Gainer	SAS
Insufficient information to list	11/15/1999	11/15/1999	Tom Gainer	SAS
Listing Review completed	11/15/1999	11/15/1999	Tom Gainer	SAS
SITE PRIORITY EVALUATION FOR FURTHER ACTION	11/15/1999	11/15/1999	Tom Gainer	SAS
Letter Agreement	02/29/2000	08/16/2000	Tom Gainer	VCS
NEGOTIATIONS	02/29/2000	08/16/2000	Tom Gainer	VCS
REMEDIAL INVESTIGATION (Primary Action)	08/16/2000		Tom Gainer	VCS
Proposal for Confirmed Release List recommended	10/03/2002	10/03/2002	Tom Gainer	VCS
Facility proposed for Confirmed Release List	11/19/2002	11/19/2002	Kim Van Patten	VCS
Facility placed on Confirmed Release List	02/18/2003	02/18/2003	Kim Van Patten	VCS

Key to certain acronyms and terms in this report:
CERCLIS No.: The U.S. EPA's Hazardous Waste Site identification number, shown only if EPA has been involved at the site.
Region: DEQ divides the state into three regions, Eastern, Northwest, and Western; the regional office shown is responsible for site investigation/cleanup.
NPL Site: Is this site on EPA's National Priority List (i.e., a federal Superfund site)?

(Y/N).
Orphan Site: Has DEQ's Orphan Program been active at this site? (Y/N). The Orphan Program uses state funds to clean up high-priority sites where owners and operators responsible for the contamination are absent, or are unable or unwilling to use their own resources for cleanup.
Study Area: Is this site a Study Area? (Y/N). Study Areas are groupings of individual ECSI sites that may be contributing to a larger, area-wide problem. ECSI assigns unique Site ID numbers to both individual sites and to Study Areas.
Pathways: A description of human or environmental resources that site contamination could affect.
Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS or SAP = Site Assessment; VCS or VCP = Voluntary Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

You may be able to obtain more information about this site by contacting Tom Gainer at (503) 229-5326 or via email at gainer.tom@deq.state.or.us. If this does not work, you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.